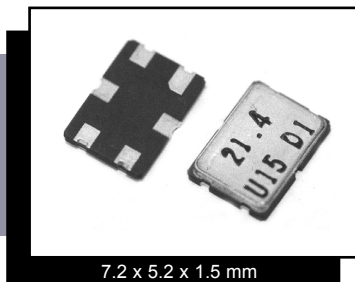


CERAMIC SURFACE-MOUNT • 21.4MHz and 45MHz FUNDAMENTAL MONOLITHIC CRYSTAL FILTERS ASCF21U and ASCF45U



FEATURES:

- Surface-mount ceramic package.
- Excellent attenuation bandwidth.
- Reflow capable.
- Low height.(1.5mm max.)

APPLICATIONS:

- Mobile communication systems.
- Cellular and cordless phones.
- Pagers.
- Radios.

STANDARD SPECIFICATIONS

ABRACON PART NO.	POLE	PASSBAND		STOPBAND		RIPPLE dB	LOSS dB	TERMINATING IMPEDANCE (Ω // pF)
		dB	kHz	dB	kHz			
ASCF21U8	2	3	± 3.75	20	± 18.0	1.0	2.0	(850 // 5.0)
ASCF21U15	2	3	± 7.50	18	± 25.0	1.0	2.0	(1500 // 1.0)
ASCF21U20	2	3	± 10.0	10	± 30.0	1.0	2.0	(1800 // 1.0)
ASCF21U30	2	3	± 15.0	15	± 45.0	1.0	2.0	(2000 // 1.5)

STANDARD SPECIFICATIONS

ABRACON PART NO.	POLE	PASSBAND		STOPBAND		RIPPLE dB	LOSS dB	TERMINATING IMPEDANCE (Ω // pF)
		dB	kHz	dB	kHz			
ASCF45U8	2	3	± 3.75	20	± 25.0	1.0	2.5	(650 // 3.5)
ASCF45U12	2	3	± 6.00	15	± 20.0	1.0	2.5	(650 // 5.0)
ASCF45U15	2	3	± 7.50	15	± 25.0	1.0	2.5	(650 // 3.5)
ASCF45U30	2	3	± 15.0	15	± 60.0	1.0	2.5	(1200 // -3.0)

Operating Temperature: -20°C to + 70°C.

Environmental and mechanical specifications, see appendix C. Group 2.

Applications notes, see appendix A.

Tape and reel, see appendix H.

Marking, see appendix G.

Recommended handling, see appendix F.

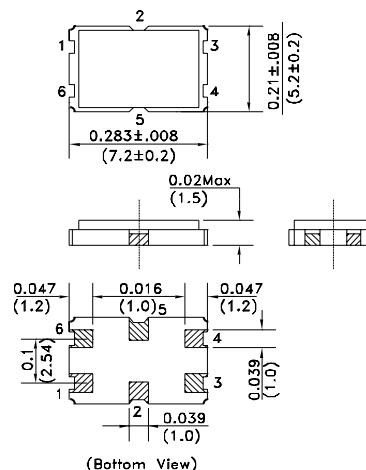
We Manufacture to your Custom Specifications. Please Call for Details.

ORDERING OPTIONS

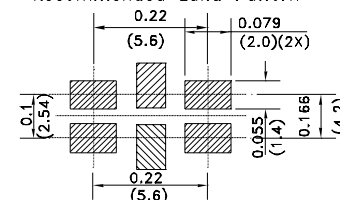
ASCFXXU XX - Packaging

See suffix in P/N -T for Tape and reel

21 or 45



Recommended Land Pattern



Dimensions: Inches (mm)

PIN	FUNCTION
1	IN
2	GND
3	GND
4	OUT
5	GND
6	GND

ABRACON IS
ISO 9001 / QS 9000
CERTIFIED

NOTE: Left blank if standard • All specifications and markings subject to change without notice

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